

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"4445829".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/21 12:58
S1	33	"108904"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:23
S2	16	((("0108904") or ("0922790") or ("0252133") or ("0013007") or ("2764103") or ("5639219") or ("2266354") or ("6094142") or ("5730324") or ("4867195"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/17 13:39
S3	551	navarro.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:24
S4	9	navarro-ramon-m.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:25
S5	768	417/540.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:45
S6	478	417/38.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 11:40
S7	4	(US-20050089428-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/18 12:29
S8	5	("3650324"   "3679326"   "3994624"   "4304526"   "5147530").PN. OR ("5320495").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:03
S9	447	417/36.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:03
S10	419	S9 not S6	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:24
S13	26	supplemental adj damper	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:34
S16	104	secondary adj damper	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:34
S17	11	S16 and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:36

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S18	167	417/540.ccls. and (tank or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:45
S19	15	("3572381"   "3639081"   "3744932"   "3746471"   "3775025"   "4290735"   "4344741"   "4799864").PN. OR ("4897022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:02
S20	5742	pump and pulsation and (tank or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:07
S21	1007	pump and pulsation with (tank or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:07
S22	118	S21 and "417".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:55
S23	866	141/94.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:55
S24	108	("0150606"   "0450494"   "0923183"   "1263751"   "1331615"   "1562991"   "1588863"   "1604257"   "1908684"   "2056179"   "2141638"   "2189945"   "2259319"   "2285830"   "2307616"   "2327475"   "2425962"   "2449270"   "2757744"   "2757823"   "2784747"   "2792148"   "2867282"   "3019843"   "3120273"   "3172566"   "3172581"   "3240388"   "3366280"   "3419882"   "3421665"   "3601284"   "3782599"   "3786421"   "3835930"   "3863687"   "3889701"   "3931497"   "4085313"   "4097724"   "4131214"   "4177863"   "4249392"   "4346012"   "4354620"   "4397405"   "4403075"   "4469129"   "4541545"   "4561292"   "4615362"   "4638928"   "4685327"   "4782511"   "4784902"   "4807675"   "4838356"   "4839065"   "4842139"   "4881579"   "4911326"   "4960222"   "5010238"   "5032447"   "5038456"   "5081761"   "5088530"   "5104700"   "5265656"   "5284191"   "5314027"   "5330009"   "5333785"   "5573066").PN. OR ("6182710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 10:25
S25	6	("3875980"   "4768347"   "4991633"   "5176187").PN. OR ("5655579").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:42
S26	402	417/543.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43

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S27	768	417/540.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S28	390	S26 not S27	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S29	478	417/38.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S30	384	S28 not S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S31	447	417/36.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S32	384	S30 not S31	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:43
S33	17	("1777891"   "2100404"   "2269625"   "2565374"   "3292661"   "4260333"   "4728264"   "4756291"   "4789308"   "4926829"   "5122039"   "5152271"). PN. OR ("5487652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:47
S34	27	("2094457"   "2347379"   "2485752"   "2530190"   "2773455"   "2896862"   "3486530"   "3693348"   "4032265"   "4190403").PN. OR ("4445829").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:55
S35	17	(US-20050089428-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$ or US-5147530-\$ or US-4304526-\$ or US-4132242-\$ or US-4897022-\$ or US-6520220-\$ or US-6431400-\$ or US-6182710-\$ or US-5913344-\$ or US-5655579-\$ or US-5477896-\$ or US-1394611-\$ or US-4445829-\$ or US-2764103-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/20 09:09
S36	3606	("pressure tank" or vessel or tank) and pump and overpressure	US-PGPUB; USPAT	OR	ON	2006/12/20 09:47
S37	0	417/38,36.ccls. and (tank or vessel) and "pressure regulator" and "over-pressure relief valve"	US-PGPUB; USPAT	OR	ON	2006/12/20 09:49
S38	0	417/38,36.ccls. and (tank or vessel) and "over-pressure relief valve"	US-PGPUB; USPAT	OR	ON	2006/12/20 09:49
S39	21	417/38,36.ccls. and (tank or vessel) and "pressure regulator"	US-PGPUB; USPAT	OR	ON	2006/12/20 09:49

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S40	24	("2412107"   "2533428"   "2660953"   "3126029"   "3482598"   "3537357"   "3593744"   "3625256"   "3868972"   "3876336"   "4124331").PN. OR ("4304526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:58
S41	5	("3650324"   "3679326"   "3994624"   "4304526"   "5147530").PN. OR ("5320495").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:29
S42	39	"over-pressure relief valve" same tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:56
S44	767	"piston pump" with tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:59
S45	1	"centrifugical pump" and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:57
S46	7353	"centrifugal pump" and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:57
S48	909	S46 and "417".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:57
S49	2042	417/38,36,540,543.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:59
S50	108	S49 and "piston pump"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:02
S51	65	S49 and "centrifugal pump"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:12
S52	91	S49 and "diaphragm pump"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:48
S53	7	S49 and "pressure sensor" and probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:49
S54	482	("pressure tank" or "pressure vessel") and "pressure sensor" and probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:57
S55	0	("pressure tank" or "pressure vessel") and "pressure sensor" and probe and "air to liquid"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:50
S56	8	S54 and "417".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:59

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S57	3	"air-to-liquid ratio" with probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:59
S58	13	"air-to-liquid ratio" and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:01
S59	0	"air to liquid ratio" and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:01
S60	196050	tank with pressure sensor and probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:02
S61	151402	tank with pressure sensor with probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:02
S62	27	tank with "pressure sensor" with probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:08
S63	202	141/85.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:08
S64	32	("0246193"   "0901859"   "1034505"   "3214643"   "3279379"   "3671142"   "3714956"   "3951184"   "4186849"   "4347877"   "4623516"   "4874021"   "5152500"   "5232023"   "5275201"). PN. OR ("5771917").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 13:00
S65	49	("0818481"   "1642920"   "1795763"   "2039275"   "2562415"   "2679851"   "4187957"   "4285445").PN. OR ("4386637").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 13:23
S67	231	73/702.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 13:57
S68	3	("3902355"   "4498344"   "4509970"). PN. OR ("4703657").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 13:51
S69	125	73/704.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 13:57
S70	117	S69 not S67	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:02
S71	181	73/730.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:02

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S72	180	S71 not S67	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:02
S73	180	S72 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:41
S74	835	73/729.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:41
S75	833	S74 not S71	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:42
S76	828	S75 not S67	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:42
S77	825	S76 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:42
S78	88	S77 and (tank or vessel) and pressure	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:46
S79	6	S77 and (tank or vessel) and pulsation	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:48
S80	1839	138/30.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:49
S81	655	S80 and (tank or vessel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:49
S82	642	S81 and (pressure or pulsation)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 14:49
S83	1	("2003/0000588").URPN.	USPAT	OR	ON	2006/12/20 15:00
S84	21	("2852033"   "2886063"   "2963044"   "3103234"   "3602243"   "3744527"   "3874417"   "3874509"   "4030971"   "4044795"   "4169757"   "4262700"   "4556087").PN. OR ("4637434").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 15:45
S85	0	"pressure sensing mechanism" with probe and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 15:45
S86	4	"pressure sensing mechanism" with probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 15:46

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S87	166	"pressure sensor" with probe and tank	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 16:13
S88	1	"3797317".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 16:13
S89	40	(US-20050089428-\$ or US-20030172716-\$ or US-20030143088-\$ or US-20030000588-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$ or US-5147530-\$ or US-4304526-\$ or US-4132242-\$ or US-4897022-\$ or US-6520220-\$ or US-6431400-\$ or US-6182710-\$ or US-5913344-\$ or US-5655579-\$ or US-5477896-\$ or US-1394611-\$ or US-4445829-\$ or US-2764103-\$ or US-2550435-\$ or US-2256370-\$ or US-6467464-\$ or US-5924291-\$ or US-6264431-\$ or US-5883489-\$ or US-6227241-\$ or US-5129427-\$ or US-5771917-\$ or US-5862946-\$).did. or (US-4498511-\$ or US-4386637-\$ or US-6408864-\$ or US-4703657-\$ or US-6041820-\$ or US-4637434-\$).did. or (US-2081799-\$ or US-1235112-\$ or US-2412107-\$ or US-2682154-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/21 10:43
S90	1	"4445829".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/21 12:58